

TABLE OF CONTENTS

	Page
EXECUTIVE SUMMARY	ES-1
1.0 PURPOSE AND NEED.....	1-1
1.1 INTRODUCTION AND PROJECT HISTORY	1-1
1.2 PROJECT PURPOSE.....	1-2
1.3 PROPOSED ACTION.....	1-2
1.4 PROJECT SETTING	1-2
1.5 NEEDED FOR PROJECT.....	1-3
1.5.1 Improve Efficiency for Train Traffic	1-3
1.5.2 Improve Rail and Road Safety.....	1-4
1.5.3 Improve Traffic Flow for Road Traffic.....	1-4
1.6 RAIL AND ROADWAY CHARACTERISTICS.....	1-4
1.6.1 Existing Rail Network.....	1-4
1.6.2 Regional Rail Service	1-5
1.6.3 Existing Road Network.....	1-5
1.6.4 Commuting Patterns.....	1-6
1.7 MODAL INTERRELATIONSHIPS.....	1-7
1.7.1 Local Public Transportation Service.....	1-7
1.7.2 Airports	1-7
1.8 TRANSPORTATION AND LAND USE PLANS	1-7
1.8.1 State Transportation Improvement Program	1-7
1.8.2 Local Transportation Plans and Land Use Plans	1-8
1.9 NO-BUILD VEHICULAR TRAFFIC OPERATIONS	1-9
1.9.1 Traffic Volumes.....	1-9
1.9.2 Roadway Level of Service.....	1-10
1.10 CRASH DATA AND SAFETY	1-11
2.0 ALTERNATIVES.....	2-1
2.1 NO-BUILD ALTERNATIVE.....	2-1
2.2 BUILD ALTERNATIVES	2-1
2.2.1 Build Alternative A	2-1
2.2.2 Build Alternative B	2-3
2.2.3 Build Alternative Cost Estimates.....	2-4
2.3 ALTERNATIVES ELIMINATED FROM CONSIDERATION	2-4
2.3.1 Close All At-Grade Crossings in Project Study Area.....	2-4
2.3.2 Build a Grade-Separated Crossing Farther West or East of Existing McLeansville Road.....	2-5
2.4 TRAFFIC OPERATIONS ANALYSIS	2-5
2.4.1 Traffic Volumes.....	2-5
2.4.2 Level of Service	2-6
2.5 PREFERRED ALTERNATIVE.....	2-7